L	Hits	Search Text	DB	Time stamp
Number				
1	15180	707/\$.ccls.	USPAT; US-PGPUB	2003/06/09 17:32
2	6492	707/\$.ccls. and ((creat\$3 or generat\$3)	USPAT;	2003/06/09
		with (database\$1 or (data adj base\$1)))	US-PGPUB	17:39
3	455	(707/\$.ccls. and ((creat\$3 or generat\$3) with (database\$1 or (data adj base\$1))))	USPAT; US-PGPUB	2003/06/09 17:36
		and (definition\$1 and schema\$1 and	03-FGF0B	17.30
		table\$1 and column\$1 and relationship\$1)		
4	280	(707/\$.ccls. and ((creat\$3 or generat\$3) with (database\$1 or (data adj base\$1))))	USPAT;	2003/06/09
		and (defin\$5 with ((operation\$1 near3	U3-PGPUB	17:39
		(data or table\$1 or entit\$3 or column\$1		
-	731	or attribute\$1))))	HCDAM.	2002/06/00
5	/31	707/\$.ccls. and ((automat\$3 or automatic\$4) with ((creat\$3 or generat\$3)	USPAT; US-PGPUB	2003/06/09 17:42
		with (database\$1 or (data adj base\$1))))		
6	42	(707/\$.ccls. and ((automat\$3 or	USPAT;	2003/06/09
		<pre>automatic\$4) with ((creat\$3 or generat\$3) with (database\$1 or (data adj base\$1)))))</pre>	US-PGPUB	17:42
		and ((707/\$.ccls. and ((creat\$3 or		
		generat\$3) with (database\$1 or (data adj		
		base\$1)))) and (defin\$5 with ((operation\$1 near3 (data or table\$1 or		
		entit\$3 or column\$1 or attribute\$1)))))		
-	0	("(creat\$3 or generat\$3) with (database\$1	USPAT;	2002/07/08
_	23943	or (data adj base\$1))").PN. (creat\$3 or generat\$3) with (database\$1	US-PGPUB USPAT;	19:13 2003/06/09
	23743	or (data adj base\$1))	US-PGPUB	17:32
-	639	definition\$1 and schema\$1 and table\$1 and	USPAT;	2003/06/09
_	0	column\$1 and relationship\$1 (("(creat\$3 or generat\$3) with	US-PGPUB USPAT;	17:34 2002/07/08
		((database\$1 or (data adj base\$1))").PN.)	US-PGPUB	19:36
		and ((creat\$3 or generat\$3) with		
_	445	(database\$1 or (data adj base\$1))) ((creat\$3 or generat\$3) with (database\$1	USPAT;	2002/07/08
	337	or (data adj base\$1))) and (definition\$1	US-PGPUB	19:40
		and schema\$1 and table\$1 and column\$1 and		
_	448	relationship\$1) foreign adj1 key\$1	USPAT;	2002/07/08
	110	Tarangu aaji vojai	US-PGPUB	19:42
-	0	"many to many"	USPAT;	2002/07/08
_	0	  many adj1 (to adj1 many)	US-PGPUB USPAT;	19:43   2002/07/08
		•	US-PGPUB	19:44
-	92.	associative adj1 (table\$1 or entities)	USPAT;	2002/07/08
_	1073	definition\$1 and schema\$1 and (entity or	US-PGPUB USPAT;	19:45   2002/07/08
	10/3	entities or table\$1) and (attribute\$1 or	US-PGPUB	19:49
		column\$1 or field\$1) and relationship\$1		
-	664	<pre>((creat\$3 or generat\$3) with (database\$1 or (data adj base\$1))) and (definition\$1</pre>	USPAT; US-PGPUB	2002/07/08 19:55
		and schema\$1 and (entity or entities or	US FGFUB	19.00
		table\$1) and (attribute\$1 or column\$1 or		
_	4	<pre>field\$1) and relationship\$1) (((creat\$3 or generat\$3) with (database\$1</pre>	IISDAT.	2002/07/08
	4	or (data adj base\$1))) and (definition\$1	USPAT; US-PGPUB	19:56
		and schema\$1 and (entity or entities or		
		table\$1) and (attribute\$1 or column\$1 or field\$1) and relationship\$1)) and		
		(foreign adj1 key\$1) and (associative		
		adj1 (table\$1 or entities))		
-	1	5295256.pn.	USPAT;	2002/07/16
-	4	5978811.pn. or 6263341.pn. or	US-PGPUB USPAT;	09:51 2002/07/16
		5249300.pn.or 6085198.pn.	US-PGPUB	09:55
-	5		USPAT;	2002/07/16
-	1	6035300.pn.	USPAT;	2002/07/16
		<u>-</u>	US-PGPUB	10:41
-	5	5249300.pn.or 6085198.pn. 5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.	USPAT; US-PGPUB USPAT; US-PGPUB USPAT;	2002/07/16 09:55 2002/07/16 09:55 2002/07/16

Search History 6/9/03 6:04:37 PM Page 1

-	1	6035300.pn. and ((creat\$3 or generat\$3 or produc\$3) near4 table\$1 or (database\$1 or	USPAT; US-PGPUB	2002/07/16 10:45
-	1	(data adj base\$1))) 6035300.pn. and ((creat\$3 or generat\$3 or produc\$3) near4 (table\$1 or (database\$1	USPAT; US-PGPUB	2002/07/16 10:45
_	5	or (data adj base\$1)))) 5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
-	5	5249300.pn.or 6085198.pn.or 5295256.pn. (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB USPAT; US-PGPUB	10:54   2002/07/16   11:31
		and ((creat\$3 or generat\$3 or produc\$3) with ((database\$1 or (data adj base\$1)) or table\$1))	03-PGP0B	11.31
-	5	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 11:52
	_	and (schema or (data near2 definition) or (data near2 description))	TYG D D M .	2002/07/16
_	5	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.) and (relationship\$1 with ((entity or entities or table\$1) with (attribute\$1 or	USPAT; US-PGPUB	2002/07/16 12:05
	3	column\$1 or field\$1))) (5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.) and semantics	US-PGPUB	12:22
-	2	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.) and join	USPAT; US-PGPUB	2002/07/16
_	5	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 12:34
-	4	and join\$3 (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 12:45
		and (((foreign adj1 key\$1) or FK\$1) or (many near2 one))		2002/07/16
-	0	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.) and (many near2 many) with (associat\$3)	USPAT; US-PGPUB	2002/07/16
_	0	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 12:46
-	3	and ((many near2 many) with (associat\$3)) (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 12:48
_	0	and (many near2 many) (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 12:48
_	2	and associative (5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.) and unique adj (key\$1 or field\$1 or value\$1 or attribute\$1)	US-PGPUB	12:53
_	0	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.) and (automatic\$4 with populat\$3)	USPAT; US-PGPUB	2002/07/16 12:54
-	1	(5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 12:57
_	268687	and (populat\$3 with data) (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 12:57
_	5	and update or insert (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16 13:32
-	1	and (update or insert) (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16
-	4	and propag\$3 (5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.) and integrity	US-PGPUB	13:40

-	5	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:00
		and ((number or numeric or value or		
1		sale\$1 or dollar, transaction) near4		
		(data or column or field or attribute))		
-	3	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:03
		and date\$1		2002/07/16
-	1	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:05
	5	and (Month\$1 or year\$1 or day\$1) (5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:33
		and (source or extract\$3)	US-FGFUB	14.33
_	3	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:55
		and (source and extract\$3)		
-	0	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:56
		and (aggregate near2 table\$1)		
-	0	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:56
		and aggregate\$1		
-	0	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:57
	1	and aggregat\$3	IICDam.	2002/07/16
-	0	(5978811.pn. or 6263341.pn. or   5249300.pn.or 6085198.pn.or 5295256.pn.)	USPAT; US-PGPUB	2002/07/16
		3249300.pn.or 6083198.pn.or 3293236.pn.)   and (sum or average)	03-FGFUB	14.30
1_	5	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:58
		and summary	00 10102	
-	0	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	14:59
		and (summary near2 (table\$1 or level\$1))		
-	1	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	15:05
		and calculated		
-	3	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	15:17
_	4	and ("user interface") (5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
	1 7	5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	15:35
		and query\$3	OD FOROB	10.33
-	0	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	15:39
		and (datamart\$1 or (data adj1 mart\$1))		
-	0	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	15:39
		and star		
-	4	(5978811.pn. or 6263341.pn. or	USPAT;	2002/07/16
1		5249300.pn.or 6085198.pn.or 5295256.pn.)	US-PGPUB	16:06
	24007	and fact	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2000/07/16
-	34001	source adj3 (system\$1 or (database\$1 or	USPAT;	2002/07/16
_	171	(data adj base\$1))) (source adj3 (system\$1 or (database\$1 or	US-PGPUB USPAT;	16:11 2002/07/16
	''	(data adj base\$1)))) with key\$1	US-PGPUB	16:31
_	10	(((source adj3 (system\$1 or (database\$1	USPAT;	2002/07/16
		or (data adj base\$1)))) with key\$1) with	US-PGPUB	16:15
1		(stor\$3)) and extract\$3		
-	25	((source adj3 (system\$1 or (database\$1 or	USPAT;	2002/07/16
		(data adj base\$1)))) with key\$1) with	US-PGPUB	16:23
1		(stor\$3)		
-	206	(source adj3 (system\$1 or (database\$1 or	USPAT;	2002/07/16
		(data adj base\$1)))) with source near3	US-PGPUB	16:33
	200	(id or identification or identifier\$1)		0000 107 17 6
-	206	(source adj3 (system\$1 or (database\$1 or	USPAT;	2002/07/16
		(data adj base\$1)))) with (source near3 (id or identification or identifier\$1))	US-PGPUB	16:37
	l	(id of identification of identifieral))	L	

_	40	<pre>((source adj3 (system\$1 or (database\$1 or (data adj base\$1)))) with (source near3 (id or identification or identifier\$1))) with (stor\$3)</pre>	USPAT; US-PGPUB	2002/07/16 17:31
_	28	<pre>((source adj3 (system\$1 or (database\$1 or (data adj base\$1)))) with (source near3 (id or identification or identifier\$1))) and aggregat\$3</pre>	USPAT; US-PGPUB	2002/07/16 17:34
-	808151	aggregat near (5978811.pn. or 6263341.pn. or 5249300.pn.or 6085198.pn.or 5295256.pn.) table\$1	USPAT; US-PGPUB	2002/07/16 17:35
-	56	aggregate adj1 table\$1	USPAT; US-PGPUB	2002/07/16
-	21	(aggregate adj1 table\$1) and sum	USPAT; US-PGPUB	2002/07/16
-	15	((aggregate adj1 table\$1) and sum) and average	USPAT; US-PGPUB	2002/07/16
-	106	(datamart\$1 or (data adj1 mart\$1))	USPAT; US-PGPUB	2002/07/16
-	17	((datamart\$1 or (data adj1 mart\$1))) and	USPAT; US-PGPUB	2002/07/16 17:58
_	14	(((datamart\$1 or (data adj1 mart\$1))) and star ) and (fact adj table\$1)	USPAT; US-PGPUB	2002/07/16
-	0	<pre>((((datamart\$1 or (data adj1 mart\$1))) and star ) and (fact adj table\$1)) and dimention</pre>	USPAT; US-PGPUB	2002/07/16
_	13	<pre>((((datamart\$1 or (data adj1 mart\$1))) and star ) and (fact adj table\$1)) and dimension</pre>	USPAT; US-PGPUB	2002/07/16 18:00
_	0	9016692.pn.	USPAT; US-PGPUB; JPO	2002/12/03 14:17
_	0	"9016692"	USPAT; US-PGPUB;	2002/12/03 14:17
-	0	JP9016692.pn.	JPO USPAT; US-PGPUB;	2002/12/03 14:19
-	3	"automatic database"	JPO JPO	2002/12/03
-	0	"automatic database" with formation	JPO	14:19 2002/12/03 14:20
_	1	(automatic with database) with formation	JPO	2002/12/03 14:44
-	1	voucher and database and definition	JPO	2002/12/03 14:44
-	3	voucher and database and definition	DERWENT	2002/12/03 14:45